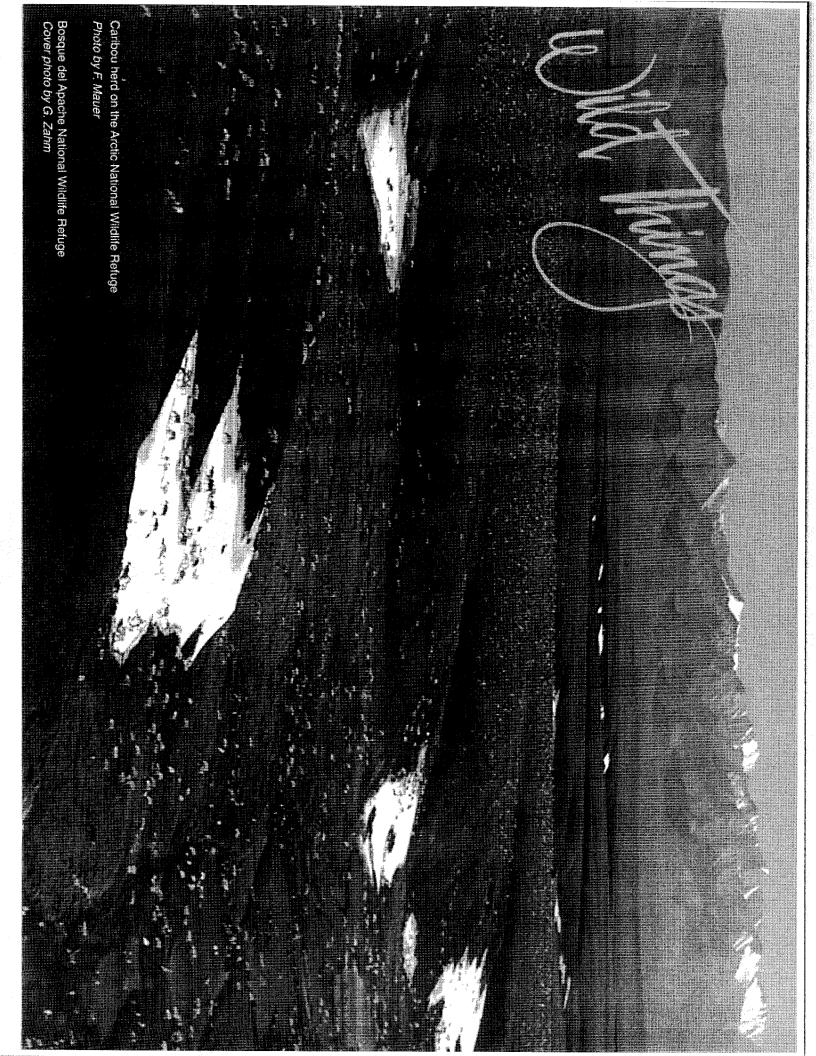
THE SECTION OF SECTION AND SECTION OF SECTIO 



fish, wildlife and plaint resources of the United States for the benefit of network of lands and waters for the conservation and nanagement of mesent and future generations." The mission of the National Wildlife Refuge System is to preserve a national

\*\*Presidential Greentive Order 12996, March 1996

### A Century of Growth



1935-66

Theodore Roosevelt Collection Harvard College Library





System," criss-crosses J. Clark Salyer, "father wetlands, forming over the purchase of over the nation, directing 600,000 acres of of the Refuge

The first National Wildlife Befuge is established at

by President Theodore Pelican Island, Florida

Roosevelt,

1934



1966





adds almost 54 million acres Lands Conservation Act

to the Refuge System

1994

wildlife-dependent visitor

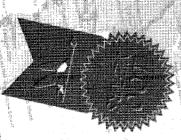
uses.





1996

System, while enhancing Executive Order: clearly integrity of the Refuge System's mission and protect the biological affirming the need to defines the Refuge guiding principles, President issues



the 100th anniversary of the National Wildlife America celebrates Refuge System.

Survey "Ding" Darling designs the the purchase of 4 million acres o Stamp sales have contributed to first Federal Duck Stamp. Duck wildlife habitat for the Refuge Newspaper editorial cartoonis and Chief of U.S. Biological System.

ALL CANADA

50 new reluges.

PRODUCTION AREA

TO PUBLIC HUNTING U.S. DEPATRIENT OF THE BETCHOOP PISH AND WILDLIFE SETUNCE OPEN

500th National Wildlife

Canaan Valley in West Virginia becomes the

passes. Waterfowl Administration Act become a part of Production Areas Refuge System National Wildlife the System.

## Our National Wildlife Refuges

# The past gives roots to our vision - our promises - for the future



Minden Paul Kroegel, Jelican Islami Rejuge, Florida (FWS Photo)

In 1903, President Theodore Roosevelt ordered that a small shell- and mangrove-covered island in Florida's Indian River be forever protected as a "preserve and breeding grounds for native birds." Paul Kroegel, a sometime boat builder, cook, and orange grower, was hired to watch over this 3-acre sanctuary. His mission was clear protect the island's pelicans from poachers and plume hunters

With this simple promise of wildlife protection, the National Wildlife Refuge System was born.

Nearly a century later, the Refuge System has grown to over 92 million acres in size. It now includes over 500 refuges, at least one in every state, and over 3,000 Waterfowl Production Areas. This growth was nurtured by many hands. Concerned citizens, conservation groups and the states have all played a vital role.

Refuges are places where the music of wildlife has been rehearsed to perfection, where nature's colors are most vibrant, where time is measured in seasons and where the dance of the crane takes center stage.

National Wildlife Refuges are gifts to ourselves and to generations unborn ... simple gifts whose treasures are unwrapped every time someone lifts binoculars to the flash of feathered color every time a child overturns a rock, and every time a hunter sets out the decays or an angler casts the waters.

Our mission for the National Wildlife Refuge System today is much as it was when President Roosevelt established the Pelican Island Bird Reservation. While the job now takes more than one man and one boat, we remember the promise made when the century was fresh – preserve wildlife and habitat for people today, and for generations to come.



President Theodore Roosevelt on Breton National Wildlife Refuge, Louisiana Phato: Theodore Roosevelt Collegion Harvard College Library)





## 

cargo - the heritage of a wild America that was, and is scales or fins, chances are it's found on a National Wildlife Refuge. From one-ton bison to one-ounce warblers, refuges carry a priceless In many ways, the National Wildlife Refuge System is carrying America's wildlife heritage into the 21st Century. If it has feathers, fur,

gaggles, groups, pairs and loners. Nearly 170 threatened or endangered species are found on refuges, and it is here they often begin their recovery or hold their own against extinction We watch over 700 kinds of birds, 220 mammals, 250 reptiles and amphibians and 200 kinds of fish. They come as flocks, herds, coveys

Our job is to protect, restore and manage this heritage. Although we count it, study it, band it, mark it and reintroduce it, we mostly let wildlife come naturally by managing its home, its habitat.





## Our Willie Promises

The Refuge System will restore, protect and manage the abundance conservation and recovery of endangered species become the preeminent land management system for the and diversity of animals representing our wildlife heritage and

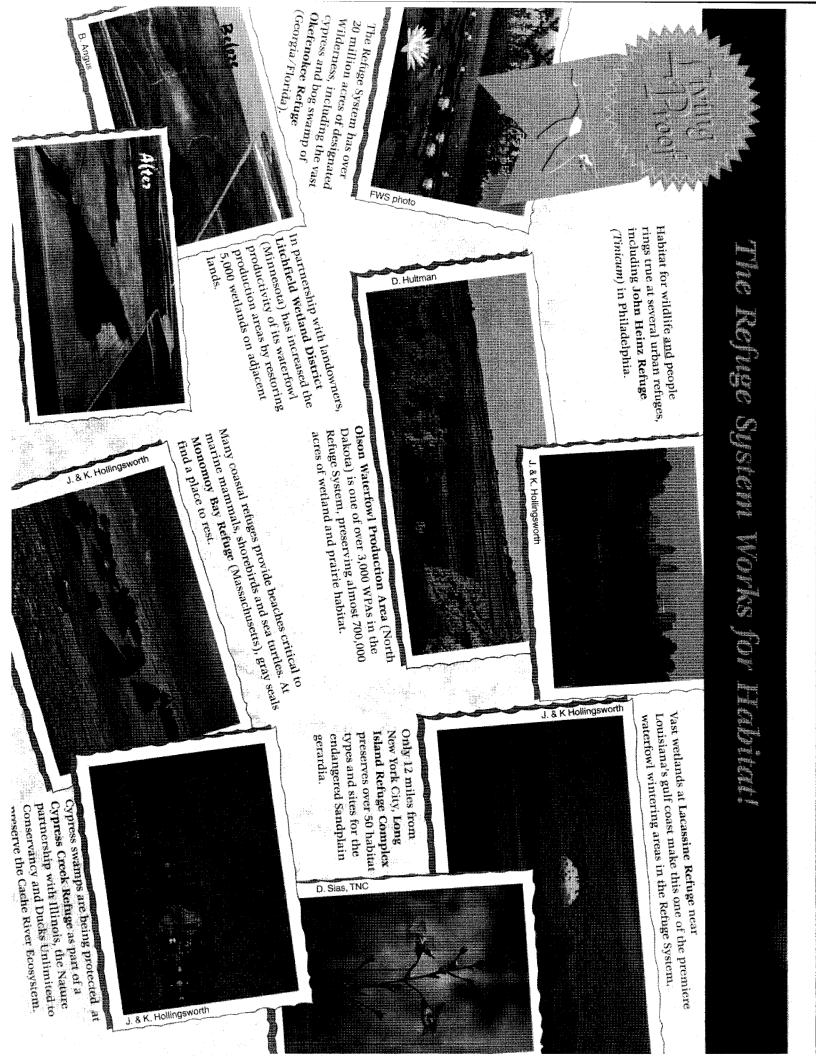
We will be leaders in applying the best science and technology to manage fish and wildlife







Photo Credits
Top left: D. Hultman
Others: J. & K. Hollingswor





## Contract of the state of the st

homes - a lifeline for millions of ducks and geese; open spaces for elk, pronghorn and caribou; and wild niches for the rare and endangered To wildlife, habitat is home: a place to eat, rest and raise young, year in and year out. The Refuge System provides a national network of

This habitat is as diverse as the wild things living there. Refuges protect tundra, grasslands, deserts, forests, rivers, marshes, swamps and remote islands - virtually every type of habitat and landscape found in the United States

monitoring and careful visitor management to provide an array of wild wonders the variety of habitat needed by diverse wildlife. On some refuges, pristine landscapes and unique plant communities need only protection On many refuges we must restore what was ditched, drained and cleared, and actively manage wetlands, grasslands and forests to provide













## Our Middle Promises

The Refuge System will provide the quantity and quality of habitat that supports America's diverse wildlife heritage, and focuses on environmental health and biological integrity conservation that considers landscapes beyond boundaries and serve as the cornerstone of an ecosystem approach to resource

We will be national and international leaders in the art and science of habitat management and Wilderness preservation.

Units of the Refuge System will serve as demonstration areas for private land wildlife conservation and models for sound land ethics and use

Photo Credits Others: J. & K. Hollingsworth Top right: R. Shallenberger





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those who want to enjoy the natural world: to observe or photograph wildlife, to hunt or fish, or to study and learn about wildlife and their needs Almost 30 million people visit National Wildlife Refuges every year. While the needs of wildlife must come first, most refuges welcome

echo through a swamp twilight. They are places where sons and daughters first learn the magic of the duck marsh at dawn, or first hear the bellow of an alligator Refuges provide both solitude and community. They are outdoor classrooms for school children, or places to take a quiet stroll in the

sunrise, knows the magic of these wild places - a magic born of passion for our Nation's wildlife heritage Anyone who has ever been startled by a burst of wingbeats, been stopped by the beauty of a wildflower, or felt their heart race in a blind at







## Our L'écoble Promises



Priority visitor uses of refuges will be wildlife-dependent and compatible in the truest sense of "wildlife first."

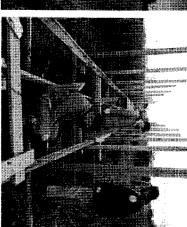


places where visitors and local communities take pride in their Refuges will be national treasures for wildlife and its enjoyment stewardship.

and will easily know where to go, and how to use and enjoy Refuges will be safe and accessible. Visitors will feel welcome,

each refuge









Others: J. & K. Hollingsworth Top left: FWS Photo

### Challenges

addressed as we approach and go beyond the System's 100th birthday in 2003. in paradise. Keeping our promises to wildlife, habitat and people requires that several challenges be The Refuge System is a unique and wonderful network of wild lands and wildlife. Yet, there is trouble



J. & K. Hollingsworth

#### First and Foremost

and conflict with our primary conservation mission. opportunities or multiple-use lands. Over time, some uses of refuge lands have become entrenched Although refuges are lands dedicated to wildlife conservation, some people see them as economic



Noxious weeds and non-native animals are problems on many refuges. Weeds displace native plants turbid void. Some refuges, especially in the West, do not have secure water rights and at times are left and eventually wildlife. Non-native animals such as carp can turn a once productive marsh into a high and dry. Other refuges suffer from water quality, siltation or contaminant problems



FWS Photo



### The Wild Unknown

Surveys show Americans strongly favor a healthy environment, public lands, and conservation of wildlife. Yet Americans can't support a system they don't know exists The National Wildlife Refuge System is a string of pearls loved by many but unknown to most.



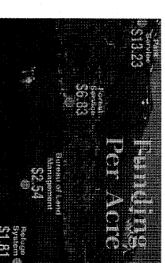
D. Hultman

#### Planning Ahead

customers is necessary to move the Refuge System into the 21st Century. A simple, yet comprehensive plan for each refuge that considers the needs of both wild and human engaged public mean refuges must examine old Master Plans and chart new courses for the future. Declining habitat around refuges, concern for biodiversity and healthy ecosystems, and a more

#### Running on Empty

anniversaries. The backlog of maintenance projects nationwide stands at over \$400 million and, areas were added to the Refuge System without a corresponding increase in funding. Age is also left unchecked, will impact the Refuge System's ability to meet the needs of wildlife and people. taking a toll on the infrastructure of refuges as many approach their golden and diamond expectation. From 1981 to 1995 alone, 89 new refuges and several hundred waterfowl production research and monitoring are slipping, and visitor services are falling below the public's need and Basic operations funding is not keeping pace with need. Important habitat work is being delayed



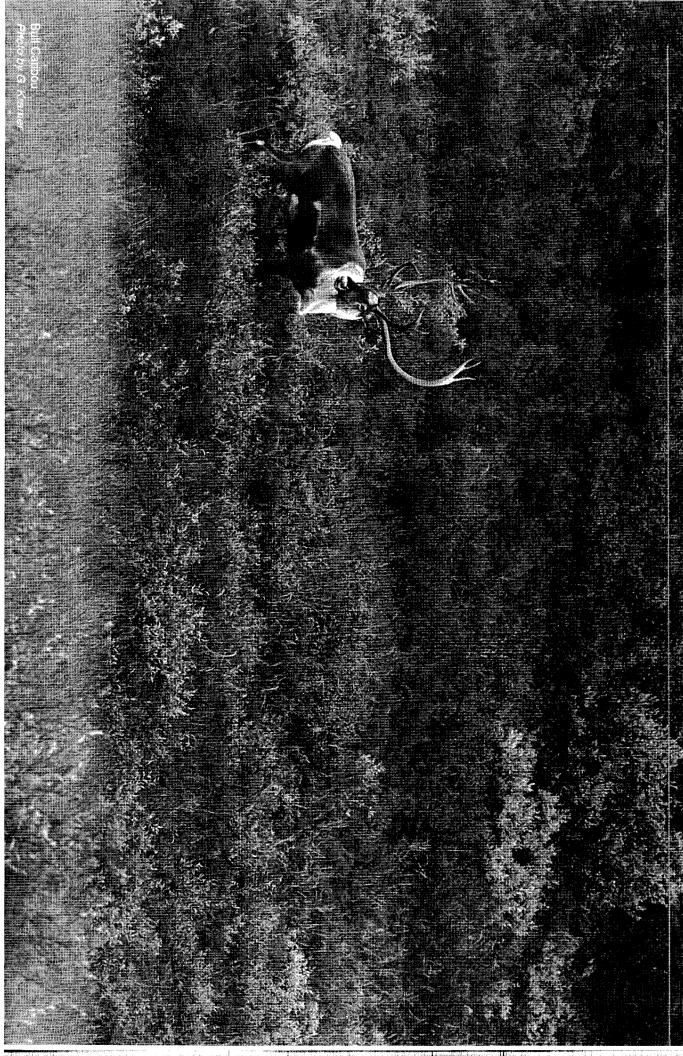
D. Menke



#### New Lands

acquisition funding, and the needs of existing refuges present challenges to continued and timely additions to the Refuge System. while providing opportunity for wildlife-dependent recreation. But increasing land costs, limited Acquisition of land from willing sellers remains a critical tool in safeguarding wildlife and habitat

C. Blacklock



# Meeting The Challenges, Fulfilling Our Promises

allow, and give priority to compatible wildlife observation, photography, hunting, fishing, environmental education and interpretation uses on refuges are compatible with their wildlife conservation purposes. We will fully implement an improved process for deciding which uses to Wildlife First We will ensure that visitor and economic

sound wildlife and habitat management. We will strengthen this foundation by ensuring that every large refuge has at least one biologist A Biologist on Every Refuge Biology is the foundation of

harmful weeds and non-native animals adequate water supplies for refuge wetlands and aggressively reduce Refuge Health We will focus on providing clean and

and urban audiences, increase public involvement in decisions, and System by its 100th Anniversary. We will focus on education of youth rededicate ourselves to exemplary customer service. 100 percent of Americans have the opportunity to learn about their Refuge Reaching Out We will increase our outreach efforts so that

showing how each unit ties into the overall refuge network, and by increasing the consistency of message, signs, and leaflets that each is part of a "system" and the U.S. Fish and Wildlife Service by System Identity We will ensure that visitors to refuges know

by 2003 will have assisted with the creation and networking of at least will become powerful allies in meeting our mission. We will continue as businesses, state and tribal governments, and conservation organizations leaders in helping neighbors improve their land for fish and wildlife, and forge new ones for the next century. Local communities, volunteers, 100 local citizen support or "friends" groups. Partnerships We will strengthen existing partnerships and

public use decisions new or revised Comprehensive Management Plan to ensure their continued health and biological integrity, and to guide wildlife management and Planning Early in the next century, each refuge will have a

development. needs to meet resource objectives, and to guide budget and policy accomplishments, show our true operations and maintenance funding Management Information System will be fully operational to capture our Accomplishments and Needs By 1998, the Refuge

approved boundaries and continuation of the small wetland acquisition organizations to stretch acquisition dollars that best meet trust resource responsibilities. We will seek creative funding partnerships with other agencies, states, and private conservation program, and one that strategically establishes new refuges in locations Refuge System growth, one that focuses on finishing acquisition within System Growth We will develop a more strategic plan for

Technology like Geographic Information Systems will remain a tool, not an end, for better planning and better wildlife and habitat decisions developing technology to become more efficient, effective and accessible wildlife or the Internet to inform the public, we will use new and Embracing Technology Whether it's satellites to monitor

rewarding of excellence of the next century. We will ensure that the Refuge System continues to commitment to training, career growth, diversity of experience, and the be managed by the best wildlife managers in the world through a renewed focusing on meeting the challenges and capitalizing on the opportunities Anniversary, we will hold a national refuge manager's conference System Vitality Before the Refuge System's 100th

